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Faunistic records of Dermestidae from Libya (Coleoptera: Bostrichoidea)

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ABSTRACT. The following species of Dermestidae are recorded from Libya for the first time: *Anthrenus (Anthrenus) munroi* HINTON, 1943, *A. (Nathrenus) biskrensis* REITTER, 1886, *A. (N.) verbasci* (LINNAEUS, 1767), *Attagenus bifasciatus* (OLIVIER, 1790), *A. civetta* (MULSANT et REY, 1868), *A. pellio* (LINNAEUS, 1758), *A. scalaris* PIC, 1893, *A. similis* MULSANT et REY, 1868, *Dermestes (Dermestes) ater* DEGEER, 1774, *D. (Dermestinus) maculatus* DEGEER, 1774, *D. (D.) frischii* KUGELANN, 1792, *D. (D.) sardous* ssp. *fulvofasciatus* GANGLBAUER, 1904, and *D. (D.) undulatus* BRAHM, 1790. The second record of *Attagenus simplex* REITTER, 1881 from Libya is also given.

Key words: entomology, zoogeography, Coleoptera, Dermestidae, new records, Libya

Dermestidae (including the tribe Thorictini) of Libya are little known. MROCZKOWSKI (1968) in his catalogue of world Dermestidae recorded only one species from Cirenaica. In materials collected recently by Czech and Italian entomologists I found 13 species new to the country. They are listed below.

The following abbreviations refer to the examined collections:

AREC – collection Antonin REITER (Znojmo, Czech Republic);
 JHAC – author's collection;
 MCSG – Museo Civico di Storia Naturale „G. Doria“, Genova (R. POGGI),
 Italia.

RESULTS

***Anthrenus (Anthrenus) munroi* HINTON, 1943**

MATERIAL EXAMINED. LIBYA bor. or., Al Jabal Al Akhdar prov., 5 km SW of Al Bayda, 495 m a.s.l., 32°43'N 21°41'E, 18.V.2002, 1, 1, A. Reiter lgt., J. Háva det., (JHAC).

DISTRIBUTION. Known from Bulgaria, Corsica, Crimea, Cyprus, France, Italia, Spain, Turkey, Algeria, Morocco, Israel, Syria. New to Libya.

***Anthrenus (Nathrenus) biskrensis* REITTER, 1886**

MATERIAL EXAMINED. LIBYA, Bengashir env., 24.IV.1987, 3 ex., J. Háva sen. lgt., J. Háva det., (JHAC).

DISTRIBUTION. Recorded from Malta, Sicilia, Algeria, Morocco, Tunisia. New to Libya.

***Anthrenus (Nathrenus) verbasci* (LINNAEUS, 1767)**

MATERIAL EXAMINED. LIBYA bor. or., Al Jabal Al Akhdar prov., 5 km SW of Al Bayda, 495 m a.s.l., 32°43'N 21°41'E, 18.V.2002, 5 ex., A. Reiter lgt., J. Háva det., (JHAC); LIBYA, Bengashir env., 24.IV.1987, 1 §, J. Háva sen. lgt., J. Háva det., (JHAC).

DISTRIBUTION. Cosmopolitan species but new to Libya.

***Attagenus bifasciatus* (OLIVIER, 1790)**

MATERIAL EXAMINED. LIBYA, Cirenaica, 18.IV.1967, 2, 2, J. Háva det., (JHAC).

DISTRIBUTION. Known from south Europe, north Africa, Turkey, Afghanistan, Iran, Iraq, Israel, Lebanon, Palestina, Syria, Turkmenistan (MROCKOWSKI 1968). New to Libya.

***Attagenus civetta* (MULSANT et REY, 1868)**

MATERIAL EXAMINED. LIBYA bor. or., Al Jabal Al Akhdar, Qasr Ash Shahdayn, 662 m a.s.l., 32°36'N 21°35'E, 20.V.2002, 1, 4, A. Reiter lgt., J. Háva det., (JHAC).

DISTRIBUTION. Known from Spain, Algeria, Tunisia and Morocco New to Libya.

***Attagenus pellio* (LINNAEUS, 1758)**

MATERIAL EXAMINED. LIBYA, Tripoli, Tadzura, III.1987, 1 female, M. Klícha lgt., J. Háva det., (JHAC).

DISTRIBUTION. Cosmopolitan species but new to Libya.

***Attagenus scalaris* PIC, 1893**

MATERIAL EXAMINED. Cirenaica [= Libya], Dugila, IX.1934, 36 ex., E. Zavattari lgt., J. Háva det., (MCSG, JHAC); LIBYA bor. occ., Ghadamis prov., Nana Tala, 10 km W of Ar Rahibat, 605 m a.s.l., 31°47'N 11°47'E, 27.V.2002, 1, A. Reiter lgt., J. Háva det. (JHAC).

DISTRIBUTION. Known only from Egypt (MROCKOWSKI 1968). New to Libya.

***Attagenus similis* MULSANT et REY, 1868**

MATERIAL EXAMINED. LIBYA bor. or., Al Jabal Al Akhdar prov., Cyrene (Shahhat), 650 m a.s.l., 32°46'N 21°52'E, 18.V.2002, 2, A. Reiter lgt., "J. Háva det., (JHAC).

DISTRIBUTION. Recorded only from Algeria (MROCKOWSKI 1968). New to Libya.

***Attagenus simplex* REITTER, 1881**

MATERIAL EXAMINED. Cirenaica [= Libya], Dugila, IX.1934, 1, E. Zavattari lgt., J. Háva det., (MCSG).

DISTRIBUTION. Known from Italy, Sicilia, Morocco, Tunisia, Israel; recorded from Libya by MROCKOWSKI (1968).

***Dermestes (Dermestes) ater* DEGEER, 1774**

MATERIAL EXAMINED. LIBYA, Tripoli, Tadzura, III.1987, 1, 1, M. Klícha lgt., J. Háva det., (JHAC).

DISTRIBUTION. Cosmopolitan species, new to Libya.

***Dermestes (Dermestinus) frischii* KUGELANN, 1792**

MATERIAL EXAMINED. LIBYA, 20 km Sof Tripoli, 26.V.1977, 1, J. Háva det. (JHAC); LIBYA, Benghazi, 30.XII.1967, 1, Frilli lgt., J. Háva det. (JHAC); LIBYA, Tubruq prov., 145 km SW Tubruq (wadi), 31°25'N 22°30'E, 11.V.2002, 5 ex., "A. Reiter lgt., J. Háva det. (JHAC, AREC).

DISTRIBUTION. Cosmopolitan species, new to Libya.

***Dermestes (Dermestinus) maculatus* DEGEER, 1774**

MATERIAL EXAMINED. LIBYA, Tripoli, Tadzura, III.1987, 1, M. Klícha lgt., J. Háva det., (JHAC); LIBYA, Zanzour, V.1987, 5 ex., M. Klícha lgt., J. Háva det., (JHAC).

DISTRIBUTION. Cosmopolitan species, new to Libya.

***Dermestes (Dermestinus) sardous* ssp. *fulvofasciatus* GANGLBAUER, 1904**

MATERIAL EXAMINED. LIBYA bor. or., Al Fatih prov., 4 km W Sidi Muhammad Al Mabkhud, 333 m a.s.l., 32°28'N 20°56'E, 21.V.2002, 2, A. Reiter lgt., J. Háva det., (JHAC).

DISTRIBUTION. The subspecies was recorded from Egypt, Algeria, Morocco. New to Libya.

***Dermestes (Dermestinus) undulatus* BRAHM, 1790**

MATERIAL EXAMINED. LIBYA, Bengashir env., 24.IV.1987, 1, J. Háva sen. lgt., J. Háva det., (JHAC).

DISTRIBUTION. Holarctic species, new to Libya.

OTHER KNOWN SPECIES FROM LIBYA

The following species of the tribe Thorictini were recorded from Libya (ESCALERA 1942, JOHN 1964, 1965a,b):

Thorictus andreinii ESCALERA, 1942;
Thorictus cirenaicus JOHN, 1965b;
Thorictus doderoi ESCALERA, 1942;
Thorictus gestroi ESCALERA, 1942;
Thorictus kochi JOHN, 1964;
Thorictus schatzmayri JOHN, 1965a;
Thorictus tripolitanus ESCALERA, 1942.

Materials recorded in this paper increase the number of species known from Libya to 21. Except members of the tribe Thorictini they belong mostly to wide-spread species, only *Attagenus scalaris*, *Attagenus similis*, and *Dermestes (Dermestinus) sardous* ssp. *fulvofasciatus* are exclusively North African members.

The following species were reported from Egypt by ALFIERI (1976): *Attagenus cyphonoides* REITTER, 1881, *A. leprieuri* (REITTER, 1886), *Anthrenus (Anthrenus) crustaceus* REITTER, 1881, *A. (A.) rauterbergi* REITTER, 1908, *A. (Anthrenops) coloratus* REITTER, 1881, and *Orphinus globulicornis* (REITTER, 1908); their occurrence in Libya is possible.

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